PEO EIS
PEO Enterprise Information Systems

29 Jan 2003

Project Manager,
Transportation Information Systems

TC-AIMS II OIPT

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Project Manager
Transportation Information Systems

Agenda

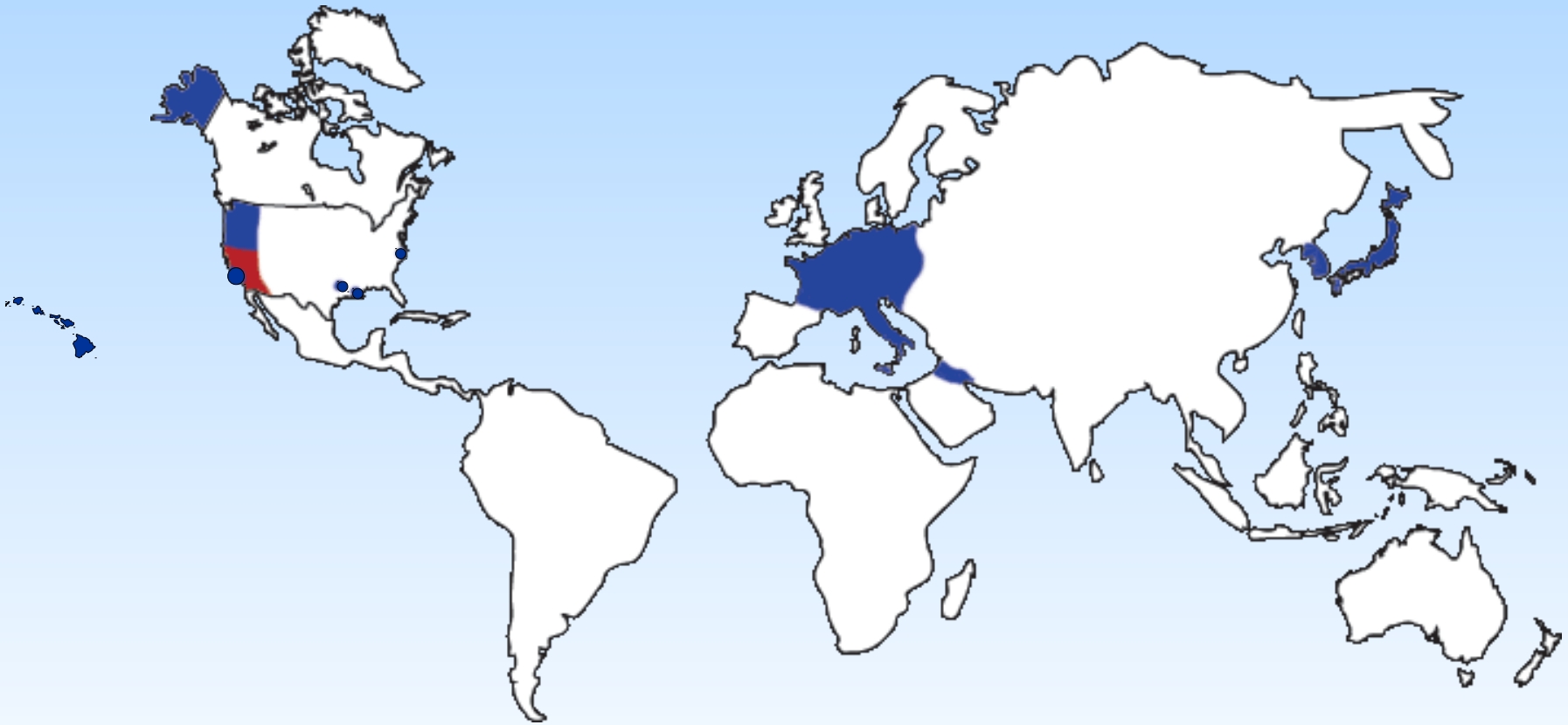
➢ Introduction	PEO, EIS
➢ Block 2	
• Program Mission and Need	HQDA, G4
• Developer’s Brief	PM, TIS
• ATEC’s Position	ATEC
• Joint Cost Position	PM, TIS
➢ Block 3	
• Program Mission and Need	HQDA, G4
• Developer’s Brief	PM, TIS
➢ Summary	PM, TIS

Decisions Requested

- Recommend that the MS C for Block 2 be approved contingent on validation of identified software fixes
- Recommend approval of MS B for Block 3

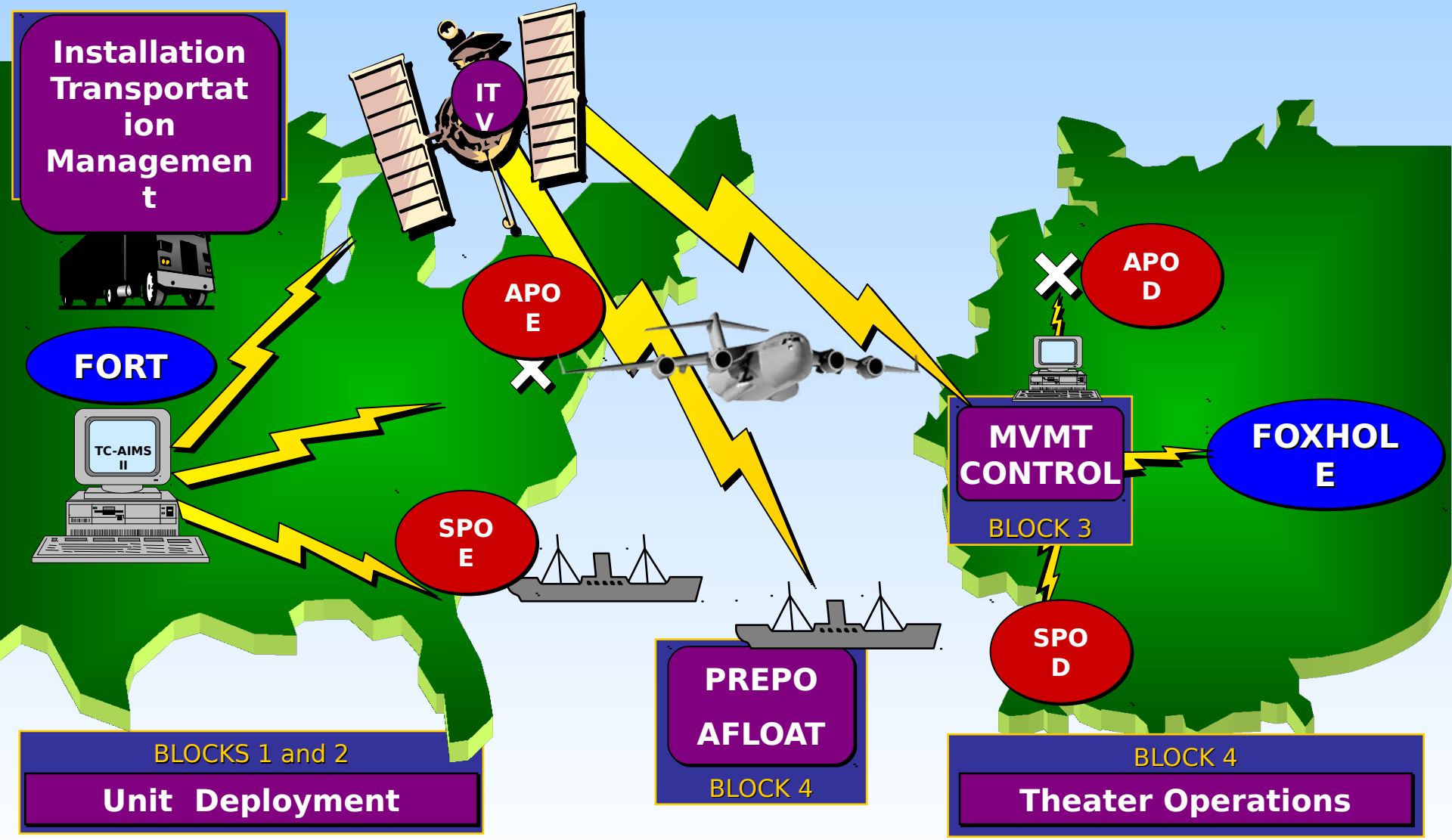
Block 2

Block 1 Fielding to Date



In Place and Working

Operational View



Combatant Commanders Need TC-AIMS II Now

- Provides warfighter a deployable capability that supports intra-theater deployment and redeployment
- Supports OSD Transformation to net-centricity with its network-centric enterprise solution
- Reduces future hardware investment and sustainment by hosting multiple applications on a single platform (network and stand-alone)
- Supports the deployment/redeployment of Army and Navy land-based forces

Block 2 Key Performance Parameters

- Joint Interoperability
- AIT Equipment
- Report Generation
- Data Automation

ORD revalidated by JROC – March 2003

JROC-Approved Interim Solution

TC-AIMS II as the joint force movement data source

- ✓ **ARMY**
- ✓ **NAVY**
- **MARINES**
- **AIR FORCE**

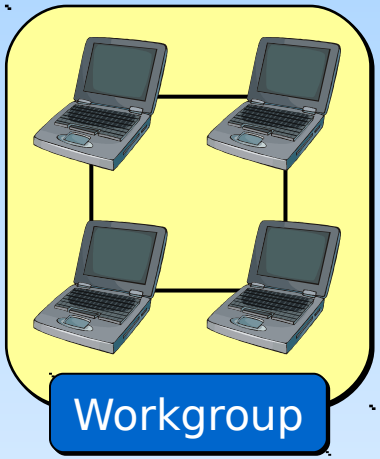
TC-AIMS II Block 2:

- Improves on Block 1 capability
- Provides single, joint source for unit deployment data for TPFDD build
- Deployable TPFDD feeder system
- Communications solution independent
- Facilitates JOPES 21
- Web Enabled
- Hosts multiple joint applications

TC-AIMS II Scalable Application (Block 2)

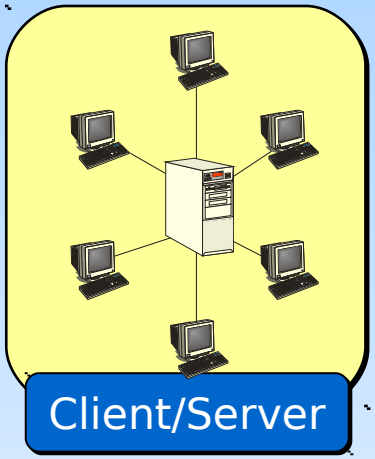
Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine, including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases



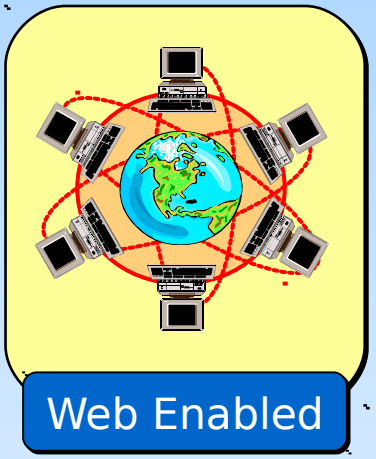
Workgroup

- TC-AIMS II machines connected as a workgroup support client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

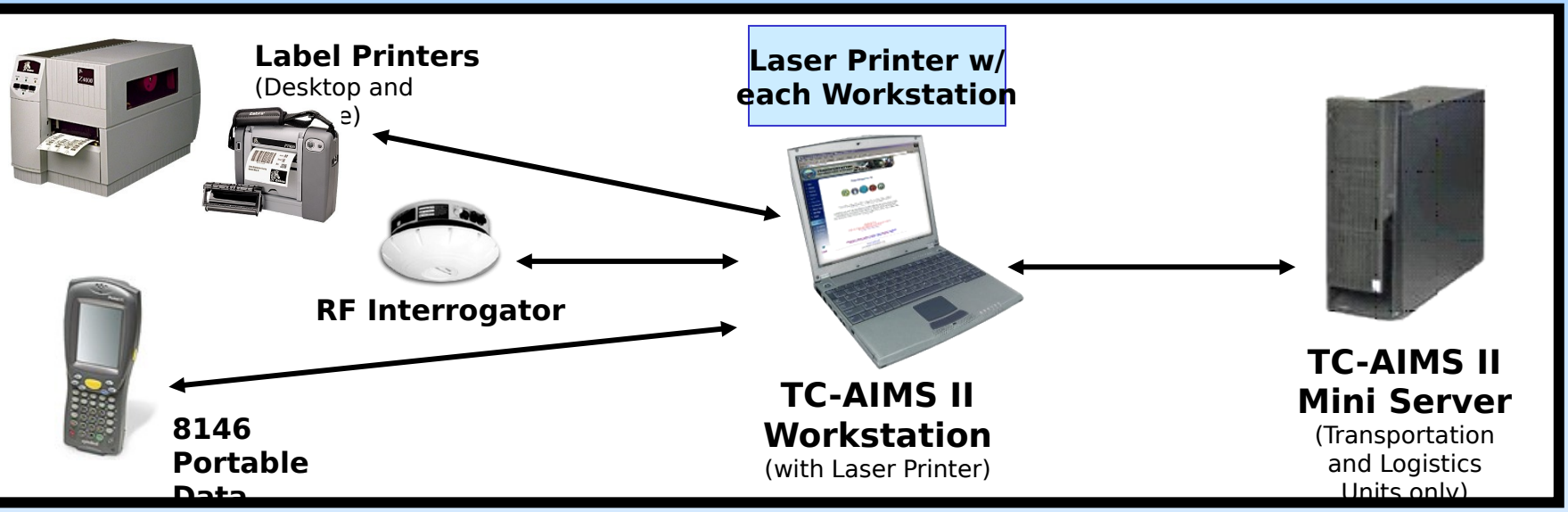
- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components

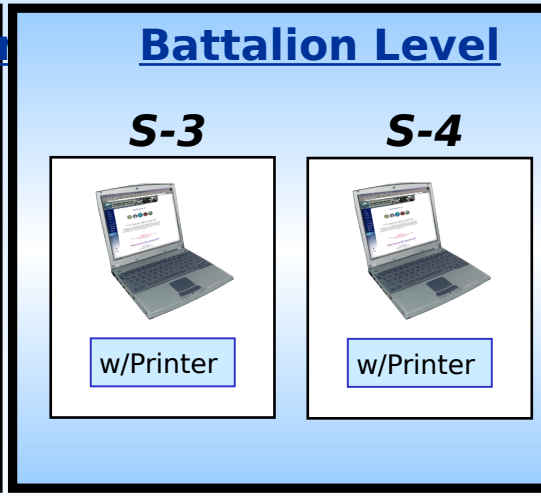


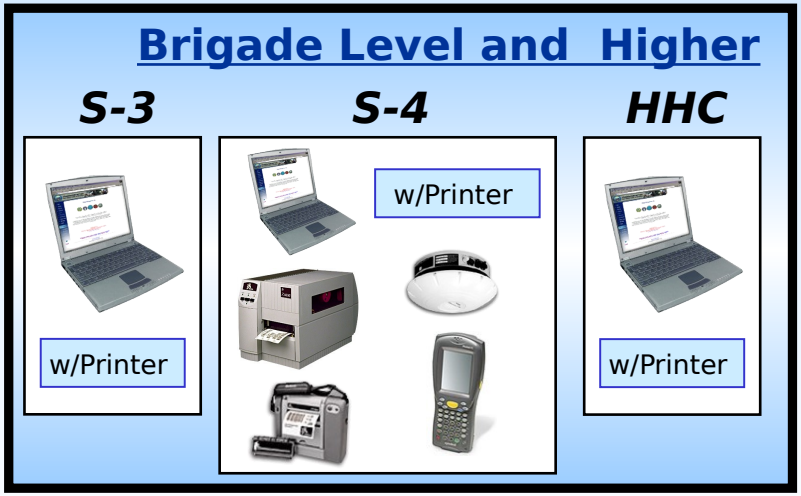
Web Enabled

- Enterprise System
- Co-hosted joint applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Joint Transportation Reference Information Portal (JTRIP) for data services
- Enhanced context sensitive help

TC-AIMS II Typical Unit Move Hardware Distribution

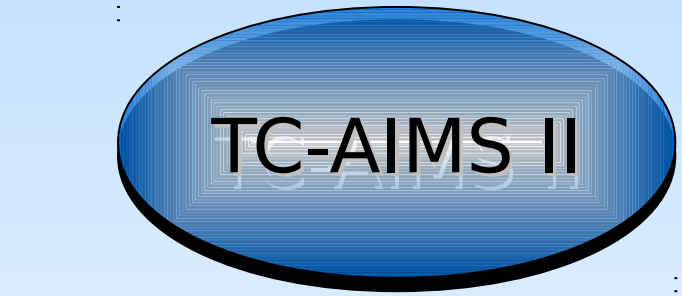






TIS Enterprise
Management
System

TC-AIMS II Block 2 Interfaces



MANAGEMENT
- GTN (J)
- ITV Server (A)

LOAD PLANNING
- AALPS (J)
- CAEMS (MC)
- CALM (J)
- ICODES (J)

MATERIAL MANAGEMENT
- ATLASS (MC)
- ROLMS (MC)

UNIT ASSETS
- LOGMOD (AF)
- MDSS II (MC)
- NCFMIS (N)

TRANSPORTATION
- GATES (J)
- CMOS (J)
- IBS (J)
- GFM-HOST (J)
- PowerTrack (J)
- TC ACCIS (A)
- WPS (J)

UNIT PERSONNEL
- eMILPO (A)
- ITAPDB (A)
- MANPER-B (AF)
- SIDPERS III (A)
- UD/MIPS (MC)

PLANNING
- COMPASS (A)
- JFRG II (J)
- MAGTF II (MC)
- SAAM (J)

System Support

- Hardware maintenance
  - User level limited to care and cleaning of equipment
  - Depot level
    - 5 year commercial warranty – repair or replace:
      - » 24 hours CONUS
      - » 72 hours OCONUS
    - 5 year replacement cycle funded
- Software maintenance
  - Periodic maintenance releases
  - Emergency releases if needed
- Help Desk
  - 24 x 7 support
  - 2 tier
    - Direct assistance
    - Developer support

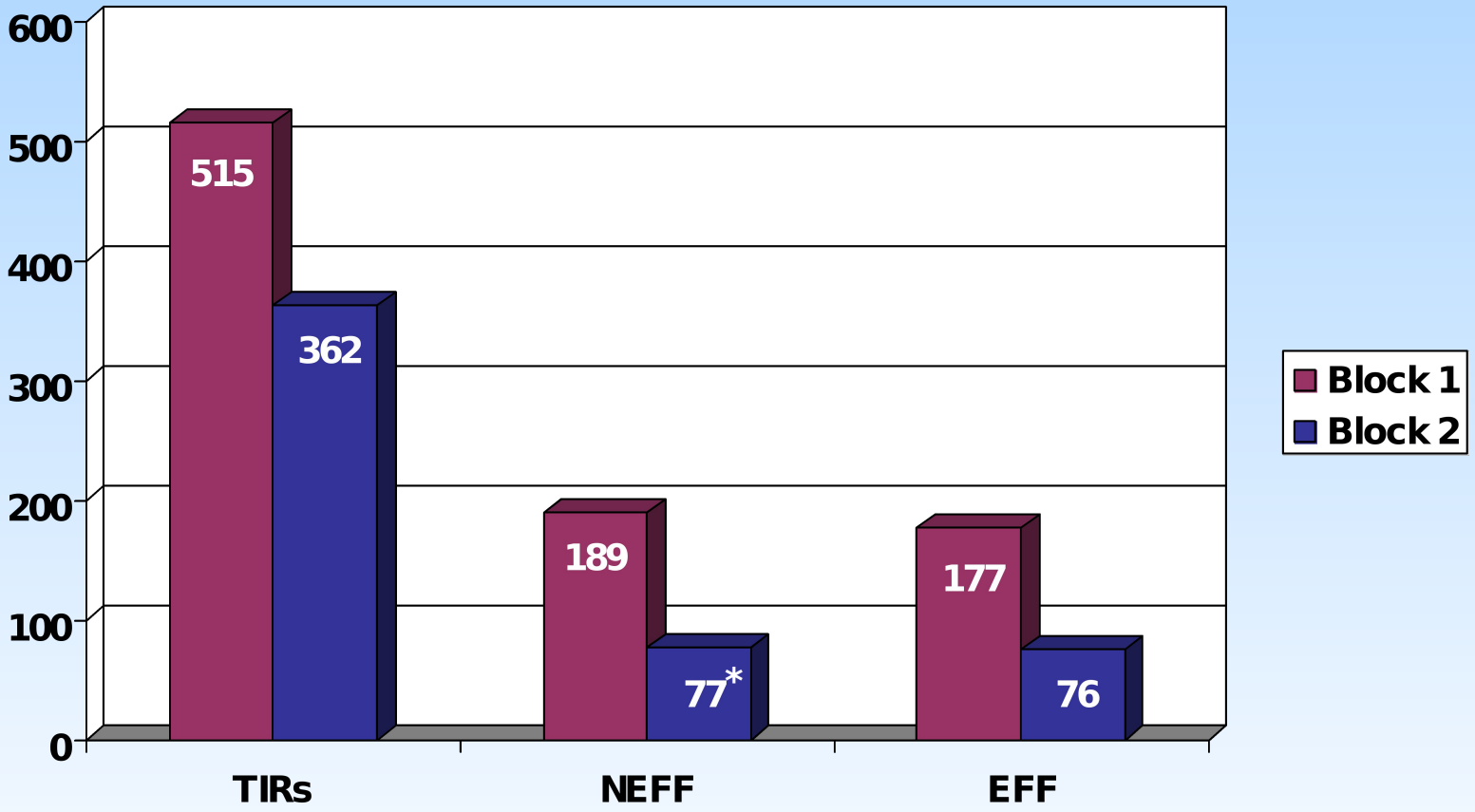
Block 2
Review Readiness

	Red	Amber	Green
Acquisition Strategy			Green
Security Accreditation			Green
APB			Green
Army Cost Position			Green
BMMP			Green
CIO Assessment			Green
C4ISP			Green
JROC approved ORD Mar 03			Green
Test Results		Amber	
Program Management Risk			Green
Training			Green
Supportability			Green
Funding – Program Affordable through POM			Green

TC-AIMS II Block 2 OT
Required Corrections

Critical Mission Function Number	Service	Number	Critical Mission Function (CMF)	ATEC Verified in Lab
4	Army Navy	3	Create Movement Plan	Yes
4	Navy	2	Create Movement Plan	**NO**
4/5	Army Navy	1	Create Movement Plan/ Create Convoy Plans	Yes
5	Army	1	Create Convoy Plans	Yes
6	Navy	1	Provide Labels for Shipping Equipment and Cargo	Yes
7	Army Navy	2	Document Hazardous Cargo	Yes
9	Army	1	Schedule Movement for Air, Rail, Sea, etc.	**NO**
10	Army Navy	6	Coordinate Scheduled Movement	Yes
12	Army Navy	3	Print Movement Documentation	Yes
13	Army Navy	4	Provide Commander with In-Transit Visibility (ITV) Data	Yes

Block 1 to Block 2 Trends



* After removing 99 NEFF's for connectivity during the Worm and electrical failures during Hurricane Isabel.

Block 1 to Block 2 Trends

	Block 1	Block 2
EFFECTIVENESS	NO	NO
CMF 85% or Better	5/13 34%	10/13 77%
Interoperability 95% Accuracy	3/22 14%	10/15 66%
SUITABILITY	NO	NO
RAM MTBEFF (300 hours)	23 Hours	166 Hours
Ao (.95)	.76	.98
MANPRINT Training	Inadequate	Certified CASCOM
SURVIVABLE	NO	YES

Block 1 is the system of record in Europe and Kuwait

Joint Cost Position

(TY$M)

TC-AIMS II Total										
($ Millions)	Sunk	FY04	FY05	FY06	FY07	FY08	FY09	FY05-09	ToC	Total
Joint Cost Position	278.9	43.0	46.8	60.4	75.1	66.0	68.0	316.2	555.1	1192.2
Funding (BESPOM0509 BP5.1)	-	43.0	46.8	60.4	75.1	66.0	68.0	316.2	-	-
UFR	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
% Funded		100%	100%	100%	100%	100%	100%	100%		

RDTE										
($ Millions)	Sunk	FY04	FY05	FY06	FY07	FY08	FY09	FY 05-09	ToC	Total
Joint Cost Position	43.0	16.0	18.7	18.3	23.1	20.0	23.0	103.0	20.3	182.3
Funding (BESPOM0509 BP5.1)	-	16.0	18.7	18.3	23.1	20.0	23.0	103.0	-	-
UFR	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
% Funded		100%	100%	100%	100%	100%	100%	100%		

OPA										
($ Millions)	Sunk	FY04	FY05	FY06	FY07	FY08	FY09	FY 05-09	ToC	Total
Joint Cost Position	87.8	17.5	16.5	30.3	28.3	26.0	25.0	126.1	248.5	479.9
Funding (BESPOM0509 BP5.1)	-	17.5	16.5	30.3	28.3	26.0	25.0	126.1	-	-
UFR	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
% Funded		100%	100%	100%	100%	100%	100%	100%		

OMA										
($ Millions)	Sunk	FY04	FY05	FY06	FY07	FY08	FY09	FY 05-09	ToC	Total
Joint Cost Position	148.1	9.5	11.6	11.8	23.7	20.0	20.0	87.1	286.3	530.0
Funding (BESPOM0509 BP5.1)	-	9.5	11.6	11.8	23.7	20.0	20.0	87.1	-	-
UFR	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
% Funded		100%	100%	100%	100%	100%	100%	100%		

Recommendations

- Recommend that the MS C for Block 2 be approved contingent on validation of identified software fixes

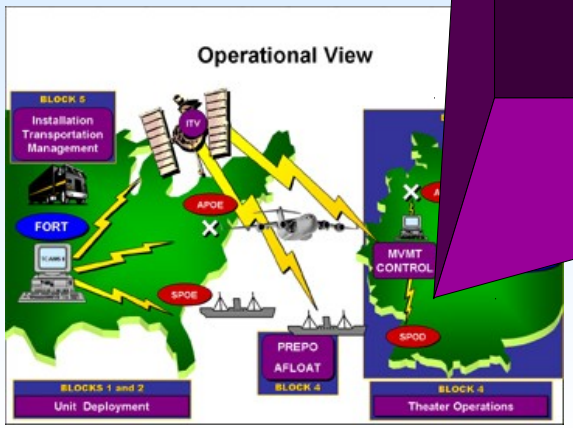
Block 3
MS B

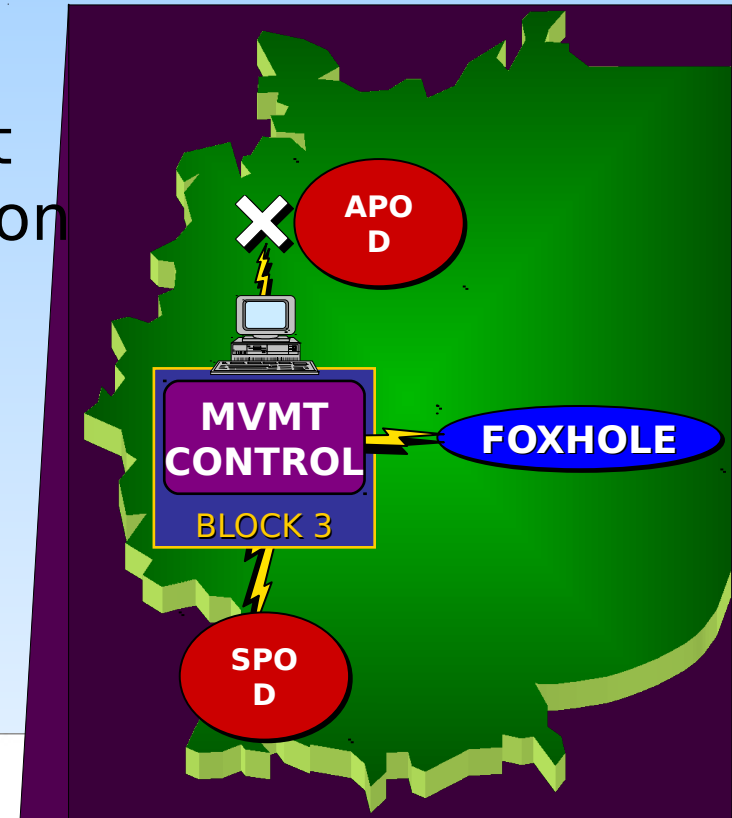
Decisions Requested

- Recommend approval of MS B for Block 3

Statement of Need

- Provides in-theater movement control from Port of Debarkation to tactical assembly area
- Replaces obsolete DAMMS-R
- Completes fort to foxhole ITV
- Requirements validated in Mar 03 ORD
- Supports JFCOM "to-be" joint deployment process





Block 3

- No change to architecture
- No change to hardware/BOIP
- No change in system support
- No change to fielding schedule
- No change in training strategy
- Software development
  - Expands enterprise capability
  - Ability to push software changes/updates to the field

Block 3 Milestone Decision Review Readiness

	Red	Amber	Green
Acquisition Strategy			Green
APB			Green
BMMP			Green
Joint Cost Position			Green
CIO Assessment			Green
C4ISP			Green
JROC approved ORD Mar 03			Green
Program Management Risk			Green
Funding – Program Affordable through POM			Green
TEMP			Green

Army Recommendations for ADM Input

- Delegate USMC decision
- Grant authorization for prototype sites
- Designate TC-AIMS II as a joint program
  - Provides joint billets vs. matrix support
  - Consolidates funding

Recommendation

- Recommend approval of MS B for Block 3